

SEQUENCE LISTING

<110> ASHTON-RICKARDT, PHILIP G.
OPFERMAN, JOSEPH T.
PHILLIPS, TIPHANIE

<120> INDUCTION OF VIRAL IMMUNITY USING INHIBITORS OF GRANZYMES

<130> ARCD:382US

<140> UNKNOWN

<141> 2001-11-14

<160> 16

<170> PatentIn Ver. 2.1

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<211> 1626

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Gly Thr Gln Tyr Leu Leu Arg Thr Ala Asn Arg Leu Phe Gly Glu Lys
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Arg Pro Val Gln Met Met Tyr Gln Glu Ala Thr Phe Lys Leu Ala His
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Lys Leu Gln Glu Asp Tyr Asp Met Glu Ser Val Leu Arg His Leu Gly
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Ala Glu Arg Asp Leu Cys Leu Ser Lys Phe Val His Lys Ser Phe Val
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Glu Val Asn Glu Glu Gly Thr Glu Ala Ala Ala Ser Ser Cys Phe
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Val Val Ala Glu Cys Cys Met Glu Ser Gly Pro Arg Phe Cys Ala Asp
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Ala Ser Ile Ser Ser Ala Leu Ala Met Val Leu Leu Gly Ala Lys Gly
35 40 45

Gln Thr Ala Val Gln Ile Ser Gln Ala Leu Gly Leu Asn Lys Glu Glu
50 55 60

Gly Ile His Gln Gly Phe Gln Leu Leu Leu Arg Lys Leu Asn Lys Pro
65 70 75 80

Asp Arg Lys Tyr Ser Leu Arg Val Ala Asn Arg Leu Phe Ala Asp Lys
85 90 95

Thr Cys Glu Val Leu Gln Thr Phe Lys Glu Ser Ser Leu His Phe Tyr
100 105 110

Asp Ser Glu Met Glu Gln Leu Ser Phe Ala Glu Glu Ala Glu Val Ser
115 120 125

Arg Gln His Ile Asn Thr Trp Val Ser Lys Gln Thr Glu Gly Lys Ile
130 135 140

Pro Glu Leu Leu Ser Gly Gly Ser Val Asp Ser Glu Thr Arg Leu Val
145 150 155 160

Leu Ile Asn Ala Leu Tyr Phe Lys Gly Lys Trp His Gln Pro Phe Asn
165 170 175

Lys Glu Tyr Thr Met Asp Met Pro Phe Lys Ile Asn Lys Asp Glu Lys
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Val Lys Glu Val Gln Ala Gln Val Leu Val Met Pro Tyr Glu Gly Met
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Glu Leu Ser Leu Val Val Leu Leu Pro Asp Glu Gly Val Asp Leu Ser
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Ala Asp Phe Met Lys Ser Thr Asp Val Glu Val Phe Leu Pro Lys Phe
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Lys Leu Gln Glu Asp Tyr Asp Met Glu Ser Leu Phe Gln Arg Leu Gly
275 280 285
Val Val Asp Val Phe Gln Glu Asp Lys Ala Asp Leu Ser Gly Met Ser
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Pro Glu Arg Asn Leu Cys Val Ser Lys Phe Val His Gln Ser Val Val
305 310 315 320
Glu Ile Asn Glu Glu Gly Thr Glu Ala Ala Ala Ser Ala Ile Ile
325 330 335
Glu Phe Cys Cys Ala Ser Ser Val Pro Thr Phe Cys Ala Asp His Pro
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